

FRIEDMAN ☐ SIEGELBAUM DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below my name,

I believe I am the original, first and sole inventor (if only one name is listed below), or an original, first and joint inventor (if more than one inventor's name is listed below), of the subject matter which is claimed and for which a patent is sought on the invention entitled An apparatus for measuring a medical substance; a sensor for use in the apparatus;
and a sensing element for use in the sensor ^{Title of Invention}
the specification of which: ☐ is attached hereto ☐ was filed on _____ Application Serial No. _____
(for declaration not accompanying application)

with amendment(s) filed on _____ (date(s) of all amendments)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119/§172 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (Day, Month, Year)	PRIORITY CLAIMED UNDER 35 U.S.C. 119/172
Hei 8(1996)-340481	Japan	5, December, 1996	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
unknown	Japan	21, November, 1997	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
			Yes <input type="checkbox"/> No <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION NUMBER	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED

POWER OF ATTORNEY: As a named inventor, I hereby appoint Stanley I. Rosen (Req. No. 19,441), Lionel N. White (Req. No. 20,843), and Shahan Islam (Reg. No. 32,507), whose address is Friedman Siegelbaum, Seven Becker Farm Road, Roseland, New Jersey, 07068-1757 as my attorneys, to prosecute this application, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

DOCKET "120498"

Send Correspondence To: SHAHAN ISLAM, ESQ.

FRIEDMAN SIEGELBAUM, Seven Becker Farm Road, Roseland, New Jersey 07068-1757

Direct Telephone Number
(201) 992-1990

Full Name of 1st Inventor	Last Name Miura	First Name Norio	Middle Name
Residence & Citizenship	City Fukuoka-shi	State of Foreign Country Fukuoka	Country of Citizenship Japan
Home Address	No. and Street Address 3-17-5-301 Hirao	City Fukuoka-shi	State or Country Fukuoka Zip Code 810
Full Name of 2nd Inventor	Last Name Yamazoe	First Name Noboru	Middle Name
Residence & Citizenship	City Kasuga-shi Kasuga-shi	State of Foreign Country Fukuoka	Country of Citizenship Japan
Home Address	No. and Street Address 4-32 Matsugaoka	City Kasuga-shi	State or Country Fukuoka Zip Code 816
Full Name of 3rd Inventor	Last Name Uda	First Name Taizo	Middle Name
Residence & Citizenship	City Miyoshi-shi	State of Foreign Country Hiroshima	Country of Citizenship Japan
Home Address	No. and Street Address 13-1-302 Tokaichi-minami 2 chome	City Miyoshi-shi	State or Country Hiroshima Zip Code 728
Full Name of 4th Inventor	Last Name	First Name	Middle Name
Residence & Citizenship	City	State of Foreign Country	Country of Citizenship
Home Address	No. and Street Address	City	State or Country Zip Code

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of 1st Inventor 三浦 則雄	Signature of 2nd Inventor 山崎 昂	Signature of 3rd Inventor 宇田 泰三	Signature of 4th Inventor
Date November 26, 1997	Date November 26, 1997	Date November 26, 1997	Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: (check one) ☒ Application of: Norio MIURA, Noboru YAMAZOE and Taizo UDA
(Inventor Names)☐ Patent of:☐ Serial No.: _____
Serial No.☐ Patent No.: _____
Patent No.☒ Filed.: Herewith
Filing Date or Herewith☐ Issued: _____
Date of Issuance

Examiner: _____ Group Art Unit: _____

For: An apparatus for measuring a medical substance; a sensor for use
in the apparatus; and a sensing element for use in the sensor
Title of Application**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS**
[37 CFR 1.9(f) and 1.27(b)] - Independent InventorHonorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled An apparatus for measuring a medical substance; described in:
a sensor for use in the apparatus; (Title of Application) and a sensing element for use
☐ the specification filed herewith in the sensor☐ application serial no. _____, filed _____☐ patent no. _____, filed _____

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

(check one)

- ☐
- no such person, concern, or organization
-
- ☒
- persons, concerns or organizations listed below*

Full Name: Norio MIURA
Address: 3-17-5-301 Hirao, Chuo-ku, Fukuoka-shi, Fukuoka 810, Japan☒ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

*NOTE: Separate verified statements are required from each named person, concern, or organization having rights to the invention averring to their status as small entities.

08965007 120497

Full Name: Noboru YAMAZOE
Address: 4-32 Matsugaoka, Kasuga-shi, Fukuoka 816, Japan

☒ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

Full Name: Taizo UDA
Address: 13-1-302 Tokaichi-Minami 2 chome, Miyoshi-shi, Hiroshima 728, Japan

☒ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. [37 CFR 1.28(b)]

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true' and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of this application, any patent issuing thereon, or any patent to which this verified statement is directed.

Send correspondence to:
Shahan Islam
FRIEDMAN SIEGELBAUM
Seven Becker Farm Road
Roseland, New Jersey 07068-1757

Direct Telephone calls to:
Shahan Islam, Esq.
(201) 992-1990

Name of person signing: _____

Address of person signing: _____

Signature: _____ Date: _____

Full Name of 1st Inventor	Full Name of 3rd Inventor	Full Name of 5th Inventor
Norio MIURA	Taizo UDA	
Signature of 1st Inventor	Signature of 3rd Inventor	Full Name of 5th Inventor
三浦 則雄	宇田 泰三	
Date	Date	Date
November 26, 1997	November 26, 1997	
Full Name of 2nd Inventor	Full Name of 4th Inventor	Full Name of 6th Inventor
Noboru YAMAZOE		
Signature of 2nd Inventor	Signature of 4th Inventor	Full Name of 6th Inventor
山崎 昇		
Date	Date	Date
November 26, 1997		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: (check one) ☒ Application of: Norio MIURA, Noboru YAMAZOE and Taizo UDA
(Inventor Names)☐ Patent of:☐ Serial No.: _____
Serial No.☐ Patent No.: _____
Patent No.☐ Filed.: _____
Filing Date or Herewith

Examiner: _____

☐ Issued: _____
Date of Issuance

Group Art Unit: _____

For: An apparatus for measuring a medical substance; a sensor for use in
the apparatus; and a sensing element for use in the sensor
Title of InventionVERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
[37 CFR 1.9(f) and 1.27(c)]-Small Business ConcernHonorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

I hereby declare that I am:

- ☐ the owner of the small business concern identified below:
- ☐ an official of the small business concern empowered to act on behalf of the concern identified below:

Name of concern DKK CorporationAddress of concern 13-14, Kichijojikitamachi 4-chome, Musashino-shi,
Tokyo 180, JAPAN

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern and/or there is an obligation under contract or law by the inventor(s) to convey rights to the small business concern with regard to the invention, entitled, _____ by inventor(s) _____

(Title of Application)

Inventor Name(s)

- ☐ the specification filed herewith
- ☐ application serial no. _____, filed _____
- ☐ patent no. _____, filed _____

0895007-120497

If the rights held by the above identified small business concern are not exclusive to each individual, concern or organization having rights to the invention is listed below and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(d) or by any concern which would not qualify as a small business concern 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Full Name: _____
Address: _____

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

Full Name: _____
Address: _____

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

Full Name: _____
Address: _____

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is not longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Send correspondence to:
Shahan Islam
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Seven Becker Farm Road
Roseland, New Jersey 07068-1757

Direct Telephone calls to:
Shahan Islam, Esq.
(201) 992-1990

Name of person signing: Sunao YAMASHITA

Address of person signing: C/O DKK Corporation, 13-14 Kichijojikitamachi 4-chome
Musashino-shi, Tokyo 180, JAPAN

Signature:  Date: November 26, 1997

*NOTE: Separate verified statements are required from each named person, concern, or organization having rights to the invention averring to their status as small entities.